

Application No. 10/002,398

Filed: October 25, 2001

TC Art Unit: 2877

Confirmation No.: 1040

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): ~~Device~~ Apparatus for the photoelectric measuring of an object to be measured, for use as a densitometer or color measuring apparatus, comprising:

a photoelectric sensor;

a measuring lens for directing measuring light originating from a measurement spot on the object to be measured to the sensor; and

a control electronic cooperating with the sensor for processing electrical signals produced by the sensor;

whereby the sensor includes at least two individually controllable and concentrically positioned partial sensors and that the control electronic includes switching means for selectively switching the partial sensors on or off line.

Claim 2 (currently amended): ~~Device~~ The apparatus according to claim 1, wherein the sensor includes at least three partial sensors.

Claim 3 (currently amended): ~~Device~~ The apparatus according to claim 1, wherein the measuring optics is constructed for imaging a

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largest nominal measurement field over the whole surface of all partial sensors.

Claim 4 (currently amended): ~~Device~~ The apparatus according to claim 1, wherein the partial sensors are constructed as circular or annular photodiodes or photodiode arrangements.

Claim 5 (canceled)

Claim 6 (currently amended): ~~Device~~ The apparatus according to claim 2, wherein the measuring optics is constructed for imaging a largest nominal measurement field over the whole surface of all partial sensors.

Claim 7 (currently amended): ~~Device~~ The apparatus according to claim 2, wherein the partial sensors are constructed as circular or annular photodiodes or photodiode arrangements.

Claim 8 (new): The apparatus according to claim 1, wherein the partial sensors are constructed as a respective circular photodiode or photodiode arrangement, and at least one annular photodiode or photodiode arrangement.

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Claim 9 (new): The apparatus according to claim 2, wherein the partial sensors are constructed as a respective circular photodiode or photodiode arrangement, and at least two annular photodiodes or photodiode arrangements.